



7th International Conference NGNS on New Generation Digital Systems NGDS'23

Casablanca-Morocco

13-15 July 2023

The accelerated use of ICT-based digital systems means that the industry has steadily moved towards a digitized future. The promise of New Generation Digital Systems NGDS in the matters of education, economy, finance or health is highly impressive. With the vast volumes of digitally connected systems and the systems' data, new opportunities for learning have surfaced. The NGDS can revolutionise the way production.

The conference will be organized by Ecole Nationale de Commerce et de Gestion Casablanca (ENCGC) and Ecole Nationale Supérieure d'Informatique et d'Analyse des Systèmes (ENSIAS).

Within this conference, we propose keynotes and sessions that will explore issues related to NGDS from different perspectives and research fields. NGDS'23 provides an opportunity to scientists, professional engineers, and students to present their work, publish their results, exchange ideas, and network for future scientific and industrial collaborations.

STEERING COMMITTEE

- H. Saliah Hassane, Teluq Montréal**
S. Kabbaj, ENCG Casablanca
A. Berqia, ENSIAS Rabat
N. El Haoud, ENCG Casablanca
A. Menou, RMEIM
M. EL WAFIQ, AIAC Casablanca
K. Naoui, ESC, Tunis
A. Ricard, IAE Aix Méditerranée
V. Moncada, IAE Aix Méditerranée
A. Zabaniotou, RMEIM, AUTH Thessaloniki
O. Boiron, Centrale Méditerranée
R. Faizi, ENSIAS Rabat
I. Khalil, JKU Linz
D. El Ouadghiri, UMI Meknes
K. Zine-dine, FSR Rabat



AIAC

ACADEMIE INTERNATIONALE
MOHAMMED VI DE L'AVIATION CIVILE



Scopus®

7th International Conference NGNS on New Generation Digital Systems **NGDS'23**

Casablanca-Morocco

13-15 July 2023



After the success of previous editions of NGNS (Six editions organized in Morocco, Tunisia and Portugal), the seventh edition NGDS'23, in Casablanca, comes to confirm the NGDS importance in the scientific research field and the industrial and economic interest. NGDS'23 has as objective to give report of the situation on the present state of research in the domains of digital systems in education, economy, finance and health. It will be an opportunity to develop profitable collaborations and partnerships between researchers, academics, industrials and experts of the field.

CHAIRS

General Chairs

H. Saliah Hassane, Teluq Montréal

S. Kabbaj, ENCG Casablanca

I. Berrada, ENSIAS Rabat

A. Ibenrissoul, ENCG Casablanca

Program Chairs

A. Berquia, ENSIAS Rabat

N. El Haoud, ENCG Casablanca

Publication Chairs

B. Saber, FSJES Safi

R. Faizi, ENSIAS Rabat

K. Zine-Dine, FSR Rabat

7th International Conference NGNS on New Generation Digital Systems **NGDS'23**

Casablanca-Morocco

13-15 July 2023



IMPORTANT DATES

Deadline for paper submission **20 May 2023**

Notification of acceptance **15 June 2023**

Camera ready **25 June 2023**

Conference date **13-15 July 2023**

The scope of the conference will cover (but not limited to)

Digital transformation in the private and public sectors
Web Intelligence Technologies
Big Data and Data Science
Web Security
Internet Of Things
Advanced Artificial Intelligence Techniques

E-Learning and Cloud Education
E-Governance
E-Commerce
Digital Marketing
Business Innovation
Digital Economy
E-Finance
New technologies and Sustainable Development

Scientific Program

The conference will last three days. The scientific program will include:

- High Quality Keynote Speakers
- Oral presentations

Submission Guidelines

Authors will be invited to submit full (maximum 10 pages) or short (maximum 4 pages) papers in English (Word file) in a double column according to the IEEE format. The first page must mention the title of the article, the names of the authors, their affiliations and electronic addresses, a summary and a list of keywords. All submissions are made via the submission system:

<https://easychair.org/conferences/?conf=ngds23>

All accepted peer-reviewed papers will be published in the conference proceedings.



Contacts:



berqia@gmail.com
00212661415224

7th International Conference NGNS on New Generation Digital Systems

NGDS'23



International Technical Program Committee

Dr. A. ASDIOU, ENCG C

Dr. A. AZMI, ENCG C

Dr. A. BENLAKOUIRI, EST C

Dr. A. BILAMI, BATNA

Dr. A. BOUHOUTE, USMBA

Dr. A. BOULAHOUAL, ENCG C

Dr. A. HAQIQ, UH1

Dr. A. HARRAK, ENCG C

Dr. A. JAMALI, UH1

Dr. A. KOBbane, ENSIAS

Dr. A. LAMALEM, ENCG C

Dr. A. MENOU, AIAC, RMEIM-M

Dr. A. PANKAJAM, AVINUTY

Dr. A. ZABANIOTOU, RMEIM-M

Dr. B. BOUNABAT, UM5R

Dr. B. SABER, FPS

Dr. C. MOUDINE, ENCG C

Dr. D. AIT OMAR, USMS

Dr. D. ELLOUZE, ESC TUNIS

Dr. E. EL MAZOUDI, UCA

Dr. E. S. BENNANI, SMBA

Dr. F. LAKRAMI, FS, UCD

Dr. F. OUHTITA, ENCG C

Dr. G. BRUNETTO, IAE AIX

Dr. H. EL BAKKALI, ENSIAS

Dr. H. GABER, ENCG C

Dr. H. HAROUD, AUI

Dr. H. MOUATASSIM, ENCG C

Dr. H. ROCHDANE, ENCG C

Dr. H. TERCHOUNE, ESTC

Dr. H. ZIYATI, ESTC

Dr. J. AMAHMOUL, ENCG C

Dr. J. ARTHI, AVINUTY

Dr. J. BEN MANSOUR, UQTR

Dr. J. HUSSER, IAE AIX

Dr. K. NAOUI, ESC TUNIS

Dr. M. BELLAFKIH, INPT

Dr. M. BENHRIMIDA, ENCG C

Dr. M. CHERGUI, ENSEM

Dr. M. EL GHOUUMARI, ENCG C

Dr. M. EL KAMILI, ESTC

Dr. M. ESSAIDI, EMSI

Dr. M. ET-TOLBA, INPT

Dr. M. IAHOUSE, UH2C

Dr. M. MOUGHIT, ENSA K

Dr. M. RAFI, AIAC

Dr. M. ZBAKH, ENSIAS

Dr. M. BAKHOUYA, UIR

Dr. N. IBENRISSOUL, ENCG C

Dr. N. IDBOUFKKER, UCA

Dr. P. CHITRAMANI, AVINUTY

Dr. R. AALLALI, ENCG C

Dr. R. GUATI, ENCG C

Dr. R. SAADANE, EHTP

Dr. R. VERDE, UNICAMPANIA

Dr. S. AOUAD, ENSIAS

Dr. S. EL MOUKHLIS, AIAC

Dr. S. HAMDANI, ENCG C

Dr. S. JABRAOUI, ENCG C

Dr. S. JUIDETTE, ENCG C

Dr. S. KORICHI, ENCG C

Dr. S. OUALIL, MVI POLYTECHNIC

Dr. S. OUYA, ESP

Dr. S. ZOUILEN, UQTR

Dr. T. KASBAOUI, ENCG C

Dr. T. S. NOMO, UQTR

Dr. T. ZINAOUI, ENCG C

Dr. V. GIANUZZI, GENOVA

Dr. V. MONCADA, IAE-AIX

Dr. Y. MEJDOUB, ESTC

7th International Conference NGNS on New Generation Digital Systems NGDS'23

NGDS'23 Registration Fees

	<i>Early (until 30/06/2023)</i>	<i>Late (until 11/07/2023)</i>	<i>On site</i>
<i>Regular Participant</i>	<i>250 Euros</i>	<i>300 Euros</i>	<i>340 Euros</i>
<i>Student</i>	<i>170 Euros</i>	<i>240 Euros</i>	<i>270 Euros</i>
<i>Accompanying person</i>	<i>100 Euros</i>	<i>120 Euros</i>	<i>130 Euros</i>
<i>Participant from Morocco</i>	<i>190 Euros</i>	<i>220 Euros</i>	<i>240 Euros</i>
<i>Student from Morocco</i>	<i>120 Euros</i>	<i>150 Euros</i>	<i>170 Euros</i>

Registration includes: Proceedings, Breaks, Lunchs and Gala Dinner.

Each registration fee can cover up to one (1) paper. At least (1) author of an accepted paper **MUST** be fully registered for the conference by June 30, 2023.

Payment by Bank Transfer to:

ASSO e-NGN

Address :

Ensias, B.P 713, Agdal Rabat

Phone : (212) 6 61 39 24 25

Bank: Crédit du Maroc

Agence Rabat Agdal,

78, Avenue Fal Ouled Oumeir,

Agdal 10000 Rabat, Maroc

Tél. : (212) 5 37 67 40 99/ 5 37 67 20 13

Fax : (212) 5 37 67 48 51

IBAN (24 Digits) 021 81000 00073015192603 66

Swift Code: CDM AM AMC

Contact: berqia@gmail.com

Tél. : 00212661415224

Whatsapp: 00212661392425



Organizing Committee Chairs

A. BERQIA

N. EL HAOUD

Organizing Committee

Z. BACHIRI

H. BOUJIJ

K. KADIRI

I. AITOUHANNI